

Scenario	Capital Cost(\$million/MGD)	Design Flow	Facility Upgrade Capital Costs (\$million)	Annualized Capital Costs (Assumed 20-yr bond & 5% interest; \$million/year)	Annualized Capital Costs (Assumed 20-yr bond & 5% interest; \$million/year)	Operations (\$1/MG/day Treated)	Operations Costs (\$/ year/ 1 MGD)	Actual Flow	Facility Upgrade Operations Costs (annual) based on Facility MGD	Membrane Replacement Cost (\$24,000 /yr/1 MGD)* Actual Flow	Total Operations costs including membrane replacement	Total Operations costs including membrane replacement + Labor Low (15%)	Total Operations costs including membrane replacement + Labor Hi (48%)	Total Capital and Operations Costs - Labor High	Total O&M + capital compared to \$200k profits	Total Costs Compared to \$500k in revenue	Total Costs Compared to \$1 million in revenue	Total Costs Compared to \$10 million in revenue	Total Costs Compared to \$100 million in revenue	Total Costs Compared to \$1000 million in revenue
A	28.3	0.01	\$0.28	\$0.04	\$40,292.83	\$1,860	\$678,900	0.01	6,789.00	240.00	7,029.00	13,072.92	26,369.56	\$66,662	33.33%	13.33%	6.67%	0.67%	\$0.00	\$0.00
B	28.3	0.1	\$2.83	\$0.40	\$402,928.33	\$1,860	\$678,900	0.1	67,890.00	2,400.00	70,290.00	130,729.25	263,695.60	\$666,624	333.31%	133.32%	66.66%	6.67%	\$0.01	\$0.00
C	28.3	0.3	\$8.49	\$1.21	\$1,208,785.00	\$1,860	\$678,900	0.30	203,670.00	7,200.00	210,870.00	392,187.75	791,086.80	\$1,999,872	999.94%	399.97%	199.99%	20.00%	\$0.02	\$0.00
D	28.3	0.6	\$16.98	\$2.42	\$2,417,570.00	\$1,860	\$678,900	0.60	407,340.00	14,400.00	421,740.00	784,375.50	1,582,173.60	\$3,999,744	1999.87%	799.95%	399.97%	40.00%	\$0.04	\$0.00
E	28.3	1	\$28.30	\$4.03	\$4,029,283.33	\$1,860	\$678,900	1	678,900.00	24,000.00	702,900.00	1,307,292.50	2,636,956.00	\$6,666,239	3333.12%	1333.25%	666.62%	66.66%	\$0.07	\$0.01

Scenario	Design Flow	Total O&M + capital compared to \$200k profits	Total Costs Compared to \$500k in revenue	Total Costs Compared to \$1 million in revenue	Total Costs Compared to \$10 million in revenue	Total Costs Compared to \$100 million in revenue	Total Costs Compared to \$1000 million in revenue
A	0.01	33.33%	13.33%	6.67%	0.01	0.00	0.00
B	0.1	333.31%	133.32%	66.66%	0.07	0.01	0.00
C	0.3	999.94%	399.97%	199.99%	0.20	0.02	0.00
D	0.6	1999.87%	799.95%	399.97%	0.40	0.04	0.00
E	1	3333.12%	1333.25%	666.62%	0.67	0.07	0.01